CLAIMS

What is claimed is:

1. A radio-opaque, biocompatible stent comprising a radio-opaque, biocompatible polymer.

2. The radio-opaque, biocompatible stent of claim 1 wherein said polymer comprises at least one repeating unit derived from a dihydroxy monomer having at least one iodide or bromide substituent.

3. The radio-opaque, biocompatible stent of claim 2 wherein said polymer comprises at least one repeating unit derived from a iodine-substituted dihydroxy monomer.

4. The radio-opaque, biocompatible stent of claim 2 wherein said polymer comprises at least one repeating unit derived from a bromine-substituted dihydroxy monomer.

5. The radio-opaque, biocompatible stent of claim 2 wherein said dihydroxy monomer is an aromatic dihydroxy monomer ring-substituted with at least one bromine or iodine atom.

6. The radio-opaque, biocompatible stent of claim 5 wherein said aromatic dihydroxy monomer is a diphenol compound substituted on at least one ring with at least one bromine or iodine atom.

7. The radio-opaque, biocompatible stent of claim 1 wherein said polymer comprises one or more polymeric blocks selected from the group consisting of iodine-containing polyarylates, iodine-containing polycarbonates, bromine-containing polyarylates, bromine-containing polycarbonates, and combinations of two or more thereof.

8. The radio-opaque, biocompatible stent of claim 7 wherein said polymer further comprises one or more poly(alkylene oxide) blocks.

9. The radio-opaque, biocompatible stent of claim 1 wherein said stent is formed from said polymer.

10. The radio-opaque, biocompatible stent of claim 9 wherein said stent is formed via extrusion, compression molding, injection molding, solvent casting, spin casting, or combinations of two or more thereof.

11. The radio-opaque, biocompatible stent of claim 1 wherein said stent is coated with said polymer.